WHAT IS CLAIMED IS:

1.   An interface method for a logical circuit comprising a logical operation element, comprising the step of:

5   defining an interface, using an interface definition language which is partly common to an interface definition language directed to a software object and has means for defining a function name, an argument, and a return value for each function, and

         providing at least means for inputting for identifying a
10   function name defined by the interface definition language for a server interface circuit in order to realize the interface among the means for inputting for identifying a function name defined by the interface definition language, means for inputting and outputting an argument, and means for outputting a return value.

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2.   An interface method for a logical circuit comprising a logical operation element, comprising the step of:

         defining an interface, using an interface definition language which is partly common to an interface definition language directed
20   to a software object and has means for defining a function name, an argument, and a return value for each function, and

         providing at least means for outputting for identifying a function name defined by the interface definition language for a client interface circuit in order to realize the interface among
25   the means for outputting for identifying a function name defined by the interface definition language, means for inputting and outputting an argument, and means for inputting a return value.

3.   An interface method for a logical circuit comprising a logical

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operation element, said method comprising the step of:

defining an interface, using an interface definition language which is partly common to an interface definition language directed to a software object and has means for defining a function name, an argument, and a return value for each function,

wherein

the logical circuit comprises

a server logical circuit, as a server interface circuit for realizing the interface, having at least means for inputting for identifying a function name defined by the interface definition language among the means for inputting for identifying a function name defined by the interface definition language, means for inputting and outputting an argument, and means for outputting a return value, and

a client logical circuit, as a client interface circuit for realizing the interface, having at least means for outputting for identifying a function name defined by the interface definition language among the means for outputting for identifying a function name defined by the interface definition language, means for inputting and outputting an argument, and means for inputting a return value, and

data can be transferred from the means for outputting for identifying a function name of the client logical circuit to the means for inputting for identifying a function name of the server logical circuit,

when the server logical circuit and the client logical circuit have the means for inputting and outputting an argument, data can be transferred between the means for inputting and outputting an argument of the server logical circuit and means for inputting and

outputting an argument of the client logical circuit, and

when the server logical circuit and the client logical circuit have at least of the means for outputting a return value and the means for inputting a return value, data can be transferred from the means for outputting a return value to the means for inputting a return value.

4. A device having an interface and a logical circuit comprising a logical operation element, which defines an interface, using an interface definition language which is partly common to an interface definition language directed to a software object and has means for defining a function name, an argument, and a return value for each function,
    wherein
    a server interface circuit for realizing the interface comprises means for inputting for identifying a function name defined by the interface definition language among the means for inputting for identifying a function name defined by the interface definition language, means for inputting and outputting an argument, and means for outputting a return value.

5. A device having an interface and a logical circuit, which defines an interface, using an interface definition language which is partly common to an interface definition language directed to a software object and has means for defining a function name, an argument, and a return value for each function,
    wherein
    a client interface circuit for realizing the comprises means for outputting for identifying a function name defined by the

interface definition language among the means for outputting for identifying a function name defined by the interface definition language, means for inputting and outputting an argument, and means for inputting a return value.

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6.   The device according to claim 5, wherein

the client interface circuit has a connection terminal and a register,

the connection terminal of the client interface is connectable

10   to either the server interface circuit or a system bus, and

when the connection terminal of the client interface is connected to the server interface circuit, the device connected with the server interface circuit is drivable via the server interface circuit, and

15   when the connection terminal of the client interface is connected to the system bus, a value of the register within the client interface can be read via a central processing device such that the central processing device can serve in the place of the device connected with the server interface circuit.

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